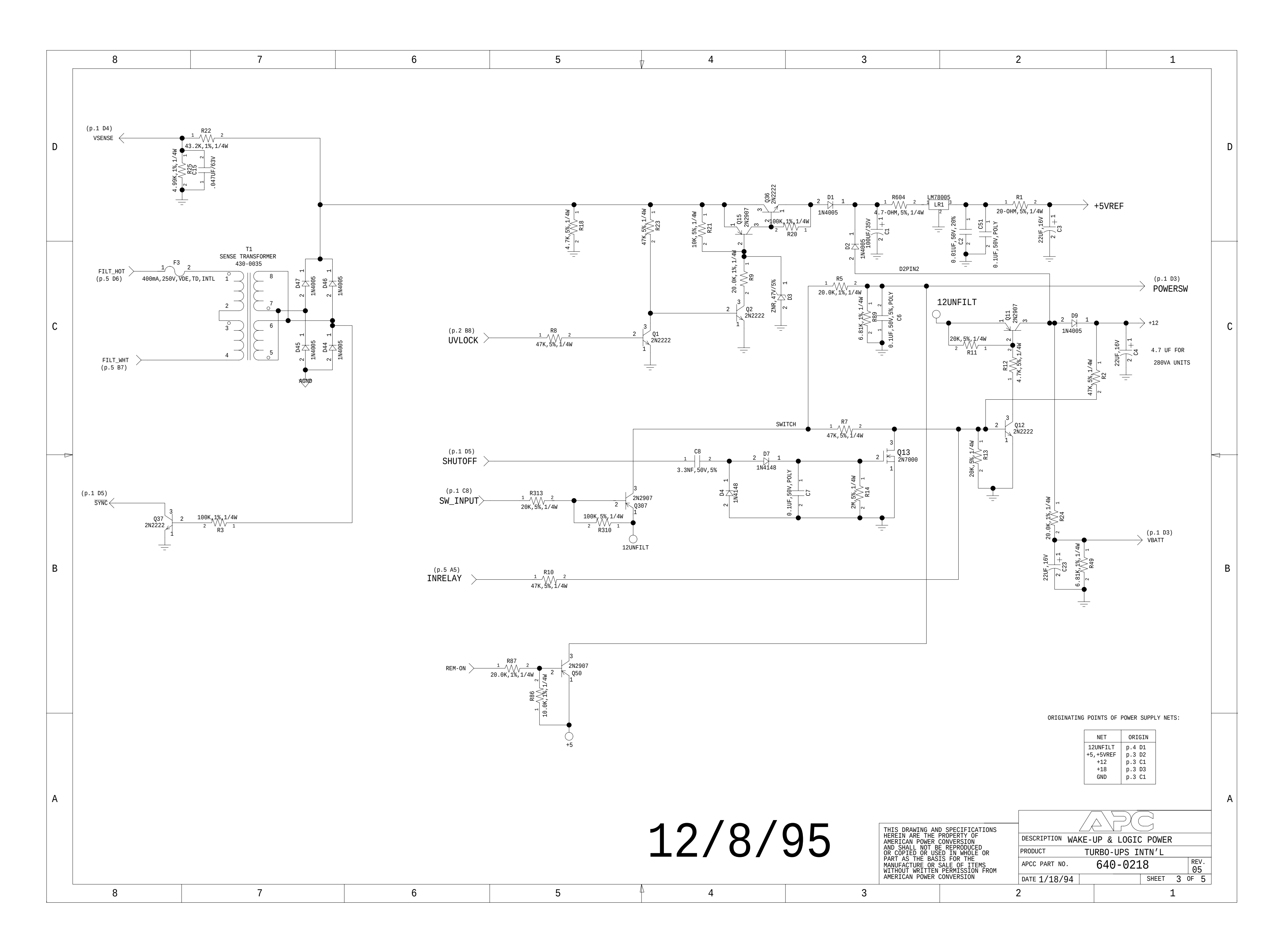


8
7
6
5
4
3
2
1
D
C
B
A
(p.1 D4)
VSENSE
R22
43.2K,1%,1/4W
4.99K,1%,1/4W
R25
C15
.047UF/63V
R18
4.7K,5%,1/4W
R23
47K,5%,1/4W
R21
10K,5%,1/4W
Q15
2N2907
Q36
2N2222
100K,1%,1/4W
R20
D1
1N4005
R604
4.7-OHM,5%,1/4W
LM78005
LR1
R1
20-OHM,5%,1/4W
+5VREF
C1
100UF/35V
D2
1N4005
C2
0.01UF,50V,20%
C51
0.1UF,50V,POLY
C3
22UF,16V
D2PIN2
R9
20.0K,1%,1/4W
ZNR,47V/5%
D3
Q2
2N2222
T1
SENSE TRANSFORMER
430-0035
F3
400mA,250V,VDE,TD,INTL
FILT_HOT
(p.5 D6)
FILT_WHT
(p.5 B7)
D47
1N4005
D46
1N4005
D45
1N4005
D44
1N4005
AGND
R5
20.0K,1%,1/4W
R89
6.81K,1%,1/4W
C6
0.1UF,50V,5%,POLY
(p.1 D3)
POWERSW
12UNFILT
Q11
2N2907
R11
20K,5%,1/4W
R12
4.7K,5%,1/4W
D9
1N4005
+12
C4
22UF,16V
4.7 UF FOR
280VA UNITS
R2
47K,5%,1/4W
(p.2 B8)
UVLOCK
R8
47K,5%,1/4W
Q1
2N2222
SWITCH
R7
47K,5%,1/4W
Q12
2N2222
R13
20K,5%,1/4W
(p.1 D5)
SHUTOFF
C8
3.3NF,50V,5%
D7
1N4148
Q13
2N7000
D4
1N4148
C7
0.1UF,50V,POLY
R14
2M,5%,1/4W
(p.1 C8)
SW_INPUT
R313
20K,5%,1/4W
R310
100K,5%,1/4W
Q307
2N2907
12UNFILT
(p.1 D5)
SYNC
Q37
2N2222
R3
100K,1%,1/4W
R24
20.0K,1%,1/4W
(p.1 D3)
VBATT
C23
22UF,16V
R49
6.81K,1%,1/4W
(p.5 A5)
INRELAY
R10
47K,5%,1/4W
REM-ON
R87
20.0K,1%,1/4W
Q50
2N2907
R86
10.0K,1%,1/4W
+5
ORIGINATING POINTS OF POWER SUPPLY NETS:
NET | ORIGIN
12UNFILT | p.4 D1
+5,+5VREF | p.3 D2
+12 | p.3 C1
+18 | p.3 D3
GND | p.3 C1
12/8/95
THIS DRAWING AND SPECIFICATIONS HEREIN ARE THE PROPERTY OF AMERICAN POWER CONVERSION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION FROM AMERICAN POWER CONVERSION
APC
DESCRIPTION WAKE-UP & LOGIC POWER
PRODUCT TURBO-UPS INTN'L
APCC PART NO. 640-0218
REV. 05
DATE 1/18/94
SHEET 3 OF 5